

**ABSTRACT OF THE DISCLOSURE**

A system for generating a digital representation of a video signal comprised of a sequence of video frames which each include two video fields of a duration such that the video plays at a first prespecified rate of frames per second. The sequence of video frames includes a prespecified number of redundant video fields. Redundant video fields in the video frame sequence are identified by a video processor, and the video frame sequence is digitized by an analog to digital converter, excluding the identified redundant video fields. The digitized video frames are then compressed by a video compressor to generate a digital representation of the video signal which plays at a second prespecified rate of frames per second.